

Based on Form PTO-1449
(3/90)

ATTY. DOCKET NO.

678503-2002.3

SERIAL NO.

10/668,453

LIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)

APPLICANT

David T. CURIEL

FILING DATE

September 23, 2003

GROUP

1636

U.S. PATENT DOCUMENTS


EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Qn	AA	5,723,287	03/03/98	Russell et al.			
I	AB	5,846,782	12/08/98	Wickham et al.			
I	AC	5,871,727	02/16/99	Curiel			
Qn	AD	6,740,525	5/25/04	Roelvink et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
Qn	AE	GB 99/36545	07/99	Great Britain				

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Qn	AF		Curiel, D. et al., "Strategies to Adapt Adenoviral Vectors for Targeted Delivery," Ann. NY Acad. Sci., 886: 158-71, 1999
I	AG		Dang et al., "Gene Therapy and Translational Cancer Research," Clinical Cancer Research, 5: 471-74, 1999
	AH		Deonarain, "Ligand-Targeted Receptor-Mediated Vectors for Gene Delivery," Exp. Opin. Ther. Patents, 8(1): 53-69, 1998
	AI		Douglas, J. et al., "A system for the propagation of adenoviral vectors with genetically modified receptor specificities," Nat. Biotechnol., 17: 470-75, 1999
	AJ		Krasnykh, V. et al., "Generation of Recombinant Adenovirus Vectors with Modified Fibers for Altering Viral Tropism," J. Virol., 70: 6839-46, 1996
	AK		Manuel Rosa-Calatrava et al., "Functional Analysis of Adenovirus Protein IX Identifies Domains Involved in Capsid Stability, Transcriptional Activity, and Nuclear Reorganization," J. Virol., 75: 7131-41, 2001
	AL		Meng et al., "Tumor Suppressor Genes as Targets for Cancer Gene Therapy," Gene Therapy of Cancer, 3-20, 1999
	AM		Miller et al., "Targeted Vectors for Gene Therapy," FASEB J., 9: 190-99, 1995
	AN		Ngo et al., "Computational Complexity, Protein Structure Prediction, and the Levinthal Paradox," In: Protein Folding Problem and Tertiary Structure Prediction (Merz et al., eds.), Birkhauser, Boston, pp. 419-94, 1994
	AO		Peng et al., "Viral Vector Targeting," Current Opinion in Biotechnology, 10: 454-57, 1999
	AP		Rudinger, "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence," In: Peptide Hormones (Parsons, J.A., ed.), University Park Press, Baltimore, pp. 1-7, 1996
	AQ		Verma, et al., "Gene Therapy-Promises, Problems and Prospects," Nature, 389: 239-42, 1997
	AR		Wickham, T. et al., "Targeted Adenovirus Gene Transfer to Endothelial and Smooth Muscle Cells by Using Bispecific Antibodies," J. Virol., 70: 6831-38, 1996
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	AT		Balague C et al., Human papillomavirus E6E7-mediated adenovirus cell killing: selectivity of mutant adenovirus replication in organotypic cultures of human keratinocytes. J Virol. 75:7602-11 (2001).
	AU		Bevis and Glick, Rapidly maturing variants of the Discosoma red fluorescent protein (DsRed). Nat Biotechnol. 20:83-7 (2002).
	AV		Bhaumik and Gambhir, Optical imaging of Renilla luciferase reporter gene expression in living mice. Proc Natl Acad Sci USA. 99:377-82 (2002).
	AW		Burbelo et al., Detecting protein-protein interactions using Renilla luciferase fusion proteins. Biotechniques 33:1044-8, 1050 (2002).
	AX		Campbell et al., A monomeric red fluorescent protein. Proc Natl Acad Sci USA. 99:7877-82 (2002).
	AY		Chartier et al., Efficient generation of recombinant adenovirus vectors by homologous recombination in Escherichia coli. J. Virol. 70:4805-4810 (1996).
Qn	AZ		Chaudhuri et al., A noninvasive reporter system to image adenoviral-mediated gene transfer to ovarian cancer xenografts. Gynecol Oncol. 83:432-8 (2001).

QW	BA	Chaudhuri et al., Light-based imaging of green fluorescent protein-positive ovarian cancer xenografts during therapy. Gynecol Oncol. 82:581-9 (2001).
	BB	Diehn et al., Noninvasive fluorescent imaging reliably estimates biomass in vivo. Biotechniques 33:1250-2, 1254-5 (2002).
	BC	Dmitriev et al., Engineering of adenovirus vectors containing heterologous peptide sequences in the C terminus of capsid protein IX. J Virol. 76:6893-9 (2002).
	BD	Gross et al., The structure of the chromophore within DsRed, a red fluorescent protein from coral. Proc Natl Acad Sci USA. 97:11990-5 (2000).
	BE	Gurskaya et al., GFP-like chromoproteins as a source of far-red fluorescent proteins. FEBS Lett. 507:16-20 (2001).
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	BG	Hoffman, Visualization of GFP-expressing tumors and metastasis in vivo. Biotechniques 30:1016-22, 1024-6 (2001).
	BH	Ilyin et al., Fiber-optic monitoring coupled with confocal microscopy for imaging gene expression in vitro and in vivo. J Neurosci Methods 108:91-6 (2001).
	BI	Rooney et al., Laser fluorescence bronchoscopy for detection of fluorescent reporter genes in airway epithelia. Gene Ther. 9:1639-44 (2002).
	BJ	Wang et al., Renilla luciferase-Aequorea GFP (Ruc-GFP) fusion protein, a novel dual reporter for real-time imaging of gene expression in cell cultures and in live animals. Mol Genet Genomics 268:160-8 (2002).
	BK	Weissleder and Mahmood, Molecular imaging. Radiology 219: 316-33 (2001).
	BL	Yamamoto et al., Infectivity Enhanced, Cyclooxygenase-2 Promoter-Based Conditionally Replicative Adenovirus for Pancreatic Cancer. Gastroenterology. 125(4):1203-18 (2003).
	BM	Yang et al., Whole-body optical imaging of green fluorescent protein-expressing tumors and metastases. Proc Natl Acad Sci USA. 97:1206-11 (2000).
	BN	Yang et al., Visualizing gene expression by whole-body fluorescence imaging. Proc Natl Acad Sci USA 97:12278-82 (2000).
QW	BO	Yang et al., Direct external imaging of nascent cancer, tumor progression, angiogenesis, and metastasis on internal organs in the fluorescent orthotopic model. Proc Natl Acad Sci USA. 99:3824-9 (2002).
EXAMINER		DATE CONSIDERED
		11/5/04
<p>* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

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							YES	NO

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QN	BP	Weissleder & Ntziachristos, "Shedding light onto live molecular targets," Nature Medicine 9(1):123-128 (2003)

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[Signature]

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11/5/04

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